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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/085,942	02/28/2002	Brad Leedy	1767 4000-07000	4378
28003	7590	11/29/2005	EXAMINER	
SPRINT 6391 SPRINT PARKWAY KSOPHT0101-Z2100 OVERLAND PARK, KS 66251-2100			TSEGAYE, SABA	
			ART UNIT	PAPER NUMBER
			2662	

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/085,942	Applicant(s) LEEDY, BRAD	
	Examiner Saba Tsegaye	Art Unit 2662	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 May 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-10 and 12-17 is/are rejected.
- 7) ☐ Claim(s) 11 and 18 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>05/28/02</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-10 and 12-17 are rejected under 35 U.S.C. 102(e) as being anticipated by Torrey et al. (US 6,466,799).

Regarding claim 1, Torrey discloses, fig. 3b, a method for notifying a user device (hand-held wireless communications device; telephonic device) coupled to and integrated services hub (call processing element) that communication has been terminated with a remote device comprising:

receiving a disconnect signal from the remote device into the integrated services hub (355);

determining the status of the user device (360); and

when the user device is off-hook (365), relaying a call termination notification signal to the user device from the integrated services hub via a user device interface coupled to the user device (370; column 6, lines 1-15).

Art Unit: 2662

Regarding claim 2, Torrey discloses the method wherein the call termination notification signal comprises temporarily placing the user device interface in a disabled state (column 6, lines 41-45).

Regarding claim 3, Torrey discloses the method wherein the disconnect signal is received from the remote device by a network interface within the integrated services hub (see fig. 2A; column 4, line 54-column 5, line 17).

Regarding claims 4 and 16, Torrey discloses the method wherein the network interface is a WAN interface (see fig. 2A; column 4, line 54-column 5, line 17).

Regarding claim 5, Torrey discloses the method wherein the network interface sends the disconnect signal to a CPU (260, 265) within the integrated services hub (see fig. 2B).

Regarding claim 6, Torrey discloses the method wherein the CPU determines the user device to which the disconnect signal pertains (column 4, lines 41-44).

Regarding claim 7, Torrey discloses the method wherein the call termination notification signal is sent from the CPU to the user device interface coupled to the user device (column 6, lines 1-15).

Regarding claims 8, 13 and 17, Torrey discloses the method wherein the user device interface is a SLIC (column 3, line 60-column 4, line 6).

Regarding claim 9, Torrey discloses the method wherein the call termination notification signal sent to the SLC indicates to the user device that the user device should enter an on-hook status (it is inherent that once a device receives a call termination notification that the user device should enter an on-hook status).

Regarding claim 10, Torrey discloses the method wherein the CPU places the SLIC in a standby state upon the user device entering an on-hook status (column 6, lines 41-43).

Regarding claim 12, Torrey discloses a method for defining the status of a user device upon termination of communication with a remote device comprising:

- receiving a disconnect signal from the remote device (355);

- determining the status of the user device via a CPU (260) monitoring a user device interface (200) coupled to the user device (231-235);

- when the user device is off-hook, sending a call termination notification signal to the user device interface (370);

- interpreting the call termination notification signal by the user device as notification for the user device to enter an on-hook status (column 4, lines 35-column 6, line 15); and

- placing the user device interface in a standby state upon the placement of the user device in an on-hook status (column 4, lines 35-column 6, line 15).

Art Unit: 2662

Regarding claim 14, Torrey discloses, Figs. 2A-3B, an apparatus (223) for notifying a user device (200) coupled thereto that communication has been terminated with a remote device comprising:

a network interface (220) configured for receiving a disconnect signal from the remote device (355) into the apparatus (223);

a CPU (260) coupled to the network interface and configured for determining the status of the user device (column 4, lines 41-45); and

a user device interface (210) coupled to the user device (231-235) and the CPU (260) and configured for relaying a call termination notification signal from the CPU to the user device when the user device is off-hook (365). See column 4, lines 35-column 6, line 15.

Regarding claim 15, Torrey discloses the apparatus wherein the apparatus is an integrated service hub (call processing element).

Allowable Subject Matter

3. Claims 11 and 18 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Kikuta (US 6,967,928 B1) discloses Internet Telephony system

Kung et al. (US 2004/0228336 A1) discloses personal IP toll-free number.

Art Unit: 2662

Schornack et al. (US 5,812,637) concurrent wireless/landline interface apparatus with testing means.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saba Tsegaye whose telephone number is (571) 272-3091. The examiner can normally be reached on Monday-Friday (7:30-5:00), First Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on (571) 272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

ST
November 27, 2005



HASSAN KIZOU
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TECHNOLOGY CENTER 2600